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(71) Applicant (*for all designated States except US*): THE SECRETARY OF STATE FOR DEFENCE [GB/GB]; Defence Evaluation and Research Agency, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): ALPAR, Hazire, Oya [GB/GB]; Aston University, Aston Triangle, Birmingham B4 7ET (GB). SOMAVARAPU, Satyanarayana [IN/GB]; Aston University, Aston Triangle, Birmingham B4 7ET (GB). WILLIAMSON, Ethel, Diane [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). BAILLIE, Leslie, William, James [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

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(54) Title: VACCINE COMPOSITION

(57) Abstract: A pharmaceutical composition comprising: (i) a biologically active agent; (ii) an adjuvant chemical which increases the effect of the biologically active agent, said chemical selected from one or more of: A) a polyamino acid, B) a vitamin or vitamin derivative, C) cationic pluronics, D) a clathrate, E) a complexing agent, F) cetrimides, G) an S-layer protein, or H) methyl-glucamine; (iii) a pharmaceutically acceptable carrier or diluent, provided that when the chemical (ii) above is selected from D) or E), the biologically active agent is an agent which is capable of generating a protective immune response in an animal to which it is administered. The composition, which may be in the form of a solution or particles such as microspheres or liposomes, is particularly useful for mucosal administration of vaccines especially by the intra-nasal route or by parenteral routes.